

## Objectives and justification for the Chernobyl film

The NDT is developing a film describing what might happen if there was a radiological attack on the United States and the recovery issues associated with such an event. This film will examine the basic scenarios under which such an attack might occur (such as a dirty bomb or the explosion of an improvised nuclear device), what countermeasures and restoration actions are likely to happen following the event, and where more information can be obtained to help people understand and prepare for such a possibility. The lessons learned as a result of the Chernobyl nuclear accident are described to illustrate recovery issues and methods, and interviews with two women who lived through the Chernobyl experience are featured in the film. The audiences for the film are members of the response community and the general public.

The primary objective of the film is to illustrate that exposures following a radiological attack are likely to be limited and the ability of people to safely cope with low levels of subsequent contamination are excellent. The film demonstrates that being aware of the basic facts surrounding a radiological incident, and being familiar with techniques that can minimize exposure to contamination are helpful in limiting damages and recovering safely from such an event. The film describes where members of the public can obtain timely and credible information on these topics, and seeks to build confidence that recovery from such a threat is achievable with acceptable risk.

Development of such an educational film is consistent with the NDT's responsibility to prepare for and support the recovery from a potential major radiological event. In addition, the team is uniquely qualified to communicate with the response community and the public on this topic. By improving public awareness and helping people to educate themselves on the issues associated with a possible radiological emergency, the work of the response community will be facilitated and the power of such an event to terrorize citizens will be reduced.